

Application Number

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**IDS Flag Clearance for Application 10712164**

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**IDS  
Information**

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
WIDS	2007-06-25	39	Y <input checked="" type="checkbox"/>	2007-08-07 15:36:48.0	PDharia
WIDS	2005-04-01	18	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
<input type="button" value="Update"/>					

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	Hirai; Yoshinori	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:59
		"20020196243" and and N same line same counter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:59
		(LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method and and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:48
		(LCD or liquid same crystal same display\$6) and frame\$6 same count\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:39
		driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and "5953002".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:17
L2	1	driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and "5953002".pn. and count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:24
L3	1	"5953002".pn. and count\$6 and clock\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:24
L4	6	driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and (count\$6 and sub same frame\$6) and generate\$6 same flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:37
L5	542752	(LCD or liquid same crystal same display\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:38

## EAST Search History

L6	7778	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:39
L7	698	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 and generat\$6 same flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:39
L8	429	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 and generat\$6 same flag\$6 and line same count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:40
L9	435	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 and generat\$6 same flag\$6 and line\$6 same count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:40
L10	0	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same generat\$6 same flag\$6 and line\$6 same count\$6 same generate same flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:41
L11	23	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same generat\$6 same flag\$6 and line\$6 same count\$6 same generate same flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:52
L12	14	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generate same flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:42
L13	15	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:54
L14	3	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and (sub same frame\$6 or sub adj frame\$6 or subframe\$6 or sub-frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:47

## EAST Search History

L15	3	(LCD or liquid same crystal same display\$6) and (n same frame\$6 or n-frame\$6 or n adj frame\$6) same count\$6 same clock\$6 same generat\$6 same flag\$6 and (n same line\$6 or n-Line\$6 or n adj line\$6) same clock\$6 same count\$6 same generat\$6 same flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:50
L16	12	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and (n same frame\$6 or n-frame\$6 or n adj frame\$6) and (n same line\$6 or n-Line\$6 or n adj line\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:53
L17	5	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and (n same frame\$6 or n-frame\$6 or n adj frame\$6) and (n same line\$6 or n-Line\$6 or n adj line\$6) and (stn or super same twist\$6 samt nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:53
L18	5	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and (n same frame\$6 or n-frame\$6 or n adj frame\$6) and (n same line\$6 or n-Line\$6 or n adj line\$6) and (stn or super same twist\$6 same nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:34
L19	10	(LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and invert\$6 same (liquid same crystal or IC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:53
L20	0	(LCD or liquid same crystal same display\$6) and (driv\$6 adj n adj frame\$6) same method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:35
L21	43	(LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:47

## EAST Search History

L22	0	display\$6 and (driv\$6 adj n adj frame\$6) adj method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:36
L23	0	display\$6 and driv\$6 adj n adj frame\$6 adj method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:36
L24	0	display\$6 and driv\$6 adj n adj frame\$6 and method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:37
L25	0	display\$6 and driv\$6 same n adj frame\$6 adj method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:37
L26	2	display\$6 and driv\$6 and n adj frame\$6 adj method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:39
L27	1761	display\$6 and driv\$6 and n adj frame\$6 and method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:39
L28	14	(LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) same method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:42
L29	14	(LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) same method and (sub-frame\$6 or sub frame\$6 or sub same frame\$6 or sub adj frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:44
L30	14	(LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or sub frame\$6 or sub same frame\$6 or sub adj frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:46

## EAST Search History

L31	0	(LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:46
L32	0	(LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:46
L33	6	(LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:50
L34	5	(LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:56
L35	0	(LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN ot super same twisted same nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:58
L36	24	(LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN ot super same twisted same nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:00
L37	9	(LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN ot super same twisted same nematic) and invert\$6 same (liquid same crystal or LC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:01
L38	9	(LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN or super same twisted same nematic) and invert\$6 same (liquid same crystal or LC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:58

## EAST Search History

L39	2	"6628258".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:06
L40	1	"6628258".pn. and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:06
L41	2	(LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) same count\$6 and (STN or super adj twisted adj nematic) and invert\$6 same (liquid same crystal or LC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:12
L42	2	(STN or super adj twisted adj nematic) adj (LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) same count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:13
L43	38	(STN or super adj twisted adj nematic) adj (LCD or liquid same crystal same display\$6) and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:23
L44	2	(STN or super adj twisted adj nematic) adj (LCD or liquid same crystal same display\$6) and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) same count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:14
L45	6	(STN or super adj twisted adj nematic) adj (LCD or liquid same crystal same display\$6) and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:23
L46	3	"6,249,265".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 18:31
L47	1	"6,249,265".pn. and subframe	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:57

## EAST Search History

L48	0	"6,249,265".pn. and n adj subframe	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:55
L49	3	"20020196243"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:58
L50	0	"20020196243" and subframe\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:57
L51	0	"20020196243" and STN same LCD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:57
L52	0	"6,249,265".pn. and subframe and STN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:57
L53	0	"6,249,265".pn. and subframe and (STN or super adj twist\$6 adj nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:58
L54	2	"20020196243" and (STN or super adj twist\$6 adj nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:59
L55	0	"20020196243" and N same line same counter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:59
L56	3	(LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN or super same twisted same nematic) and invert\$6 same (liquid same crystal or LC) and FRC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:58



## EAST Search History

L57	1	"5953002".pn. and selection adj pulses	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 17:19
L58	1	"5953002".pn. and subframe	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 17:19
L59	2	"6094243".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 18:32
L60	0	"6094243".pn. and (FRC or frame\$6 same rate\$6 same control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 18:32
S1	2896046	method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 drives	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:22
S2	1672	method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:22
S3	113	method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:28
S4	98	method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:28
S5	4	method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 and count\$6 same number\$6 same sub same frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:31

## EAST Search History

S6	7	method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 and count\$6 same sub same frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:33
S7	1	method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 and count\$6 same sub same frame\$6 and invert\$6 same polarity same (super same twisted same nematic or STN) same liquid same crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:34
S8	1	method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 and count\$6 same sub same frame\$6 and invert\$6 same polarity\$6 same (super same twisted same nematic or STN) same liquid same crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:33
S9	2	driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and select\$6 same signal\$6 and count\$6 same sub same frame\$6 and invert\$6 same polarity same (super same twisted same nematic or STN) same liquid same crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:35
S10	2	driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and count\$6 same sub same frame\$6 and invert\$6 same polarity same (super same twisted same nematic or STN) same liquid same crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:35
S11	3	driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and (count\$6 and sub same frame\$6) and invert\$6 same polarity same (super same twisted same nematic or STN) same liquid same crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 23:36

## EAST Search History

S12	3	driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and (count\$6 and sub same frame\$6) and invert\$6 same polarity\$6 same (super same twisted same nematic or STN) same liquid same crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 10:36
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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	1245	(LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion and (sub-frame\$1 or subframe\$1 or sub adj frame\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 12:35
		(LCD adj or liquid adj crystal adj display) and (STN or super adj twisted adj nematic) and nfrc or ("n" adj frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:43
		(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:25
S6	397	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and signal\$6 adj line\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/18 13:54
S7	289	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/18 13:54
S8	1	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and subframe\$6 and "n")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:18
S9	7	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and sub-frame\$6 and "n")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/18 13:58
S12	88	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:15
S13	30	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:15

## EAST Search History

S14	26	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:15
S20	1	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and subframe\$6 and "n") and set\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:20
S21	1	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and subframe\$6) and set\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:21
S22	1	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 ) and (count\$6 and subframe\$6) and set\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:21
S24	66	(LCD or liquid adj crystal adj display) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:22
S25	65	(LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:41
S26	1	(LCD or liquid adj crystal adj display) and driv\$6 and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and sub-frame\$6 and "n")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:23
S27	3	"20050095307"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:31
S28	2	"20040095307"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:31

## EAST Search History

S29	8	(LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6 adj flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:46
S31	1	(LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6)and (FRC or frame adj rate adj check)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:45
S32	1	(LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and (FRC or frame adj rate adj check)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:46
S33	8	(LCD or liquid adj crystal adj display) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6 adj flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:46
S35	1	(LCD or liquid adj crystal adj display) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 adj subframe\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:47
S41	46	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:01
S42	1	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (FRC or frame\$6 adj rate\$6 adj check\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:52
S43	1	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and FRC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:52
S45	38	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:54

## EAST Search History

S47	1	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and polarity\$6 and invert\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:55
S48	0	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and invet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:55
S49	15	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and invert\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:01
S50	7	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and invert\$6 and polar\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 07:57
S52	517	(LCD or liquid adj crystal adj display ) and 345/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:08
S53	7	(LCD or liquid adj crystal adj display ) and 345/96.ccls. and frc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:26
S54	4	(LCD or liquid adj crystal adj display ) and 345/96.ccls. and frc AND POLARITY\$6 AND INVERT\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:28
S55	4	Tsuchihashi AND Moriyuki	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:07
S56	184	(LCD or liquid adj crystal adj display ) and 345/96.ccls. AND COUNT\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:09

## EAST Search History

S57	112	(LCD or liquid adj crystal adj display ) and 345/96.ccls. AND COUNT\$6 AND CLOCK\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:09
S58	112	(LCD or liquid adj crystal adj display ) and 345/96.ccls. AND COUNT\$6 AND CLOCK\$6 AND LINE AND SIGNAL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:11
S59	1	(LCD or liquid adj crystal adj display ) and 345/96.ccls. AND CLOCK\$6 AND (LINE AND SIGNAL AND COUNT\$6) AND (COUNT\$6 AND SUBFRAME\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:14
S60	3	(LCD or liquid adj crystal adj display ) and 345/96.ccls. and frc AND POLARITY\$6 AND INVERT\$6 AND CLOCK\$6 AND (LINE AND SIGNAL AND COUNT\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:14
S63	328	(LCD or liquid adj crystal adj display ) and 345/96.ccls. AND POLARITY\$6 AND INVERT\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:28
S66	4	(LCD or liquid adj crystal adj display ) and 345/96.ccls. AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:42
S68	67	(LCD or liquid adj crystal adj display ) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND COUNT\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:43
S69	17	(LCD or liquid adj crystal adj display ) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND COUNT\$6 AND LINE\$1 ADJ SIGNAL\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 09:27
S72	1	(LCD or liquid adj crystal adj display ) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND (COUNT\$6 AND CPOMLETE\$6 AND INDICAT\$6 OR FLAG\$6) AND LINE\$1 ADJ SIGNAL\$6 AND (FRAME\$6 AND RATE\$6 AND CONTROL\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 09:47



## EAST Search History

S76	10	(LCD or liquid adj crystal adj display ) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND (COUNT\$6 AND COMPLETE\$6 AND (INDICAT\$6 OR FLAG\$6)) AND LINE\$1 ADJ SIGNAL\$6 AND (FRAME\$6 AND RATE\$6 AND CONTROL\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:48
S77	2	"6897884".PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 11:44
S78	1	"6897884".PN. AND SUB-FRAME\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 11:44
S80	9	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:27
S82	1	(LCD or liquid adj crystal adj display ) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) and sub-frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:27
S83	1	(LCD or liquid adj crystal adj display ) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) AND (FLAG\$6 OR INDICAT\$6) and sub-frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:27
S84	1	(LCD or liquid adj crystal adj display) and (FRC or frame\$6 adj rate\$6 adj control\$6) and clock\$6 and (signal\$6 adj line\$1 and count\$6) AND (FLAG\$6 OR INDICAT\$6) and sub-frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:37
S85	3	(LCD or liquid adj crystal adj display) and (FRC or frame\$6 adj rate\$6 adj control\$6) and clock\$6 and (signal\$6 and line\$1 and count\$6) AND (FLAG\$6 OR INDICAT\$6) and sub-frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:38
S86	3	(LCD or liquid adj crystal adj display) and (FRC or frame\$6 adj rate\$6 adj control\$6) and clock\$6 and (signal\$6 and line\$1 and count\$6) AND (FLAG\$6 OR INDICAT\$6) and (sub-frame\$6 and count\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:38

## EAST Search History

S87	1245	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:39
S88	84	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and STN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:39
S89	84	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:45
S90	3	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and nfrc or ("n" adj frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:42
S91	1	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (nfrc or "n" adj frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:41
S92	3	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (STN or super adj twisted adj nematic) and nfrc or ("n" adj frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:42
S93	3	(LCD or liquid adj crystal adj display) and (STN or super adj twisted adj nematic) and nfrc or ("n" adj frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:43
S94	1	(LCD or liquid adj crystal adj display) and (STN or super adj twisted adj nematic) and (nfrc or "n" adj frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:43
S95	1	(LCD or liquid adj crystal adj display) and (nfrc or "n" adj frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:43

## EAST Search History

S96	12	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:19
S97	0	"6,897,884".pn. and (STN or super adj twisted adj nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:48
S98	1	(LCD or liquid adj crystal adj display ) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND (COUNT\$6 AND COMPLETE\$6 AND (INDICAT\$6 OR FLAG\$6)) AND LINE\$1 ADJ SIGNAL\$6 AND (FRAME\$6 AND RATE\$6 AND CONTROL\$6) and (STN or super adj twisted adj nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:49
S99	0	"5596349".pn. and (sub-frame\$6 or sub adj frame\$6 or subframe\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:52
S10 0	2	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:53
S10 1	2	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:53
S10 2	6	(LCD or liquid adj crystal adj display ) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) and driv\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:58

## EAST Search History

S10 3	4	(LCD or liquid adj crystal adj display ) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) and driv\$6 and line\$6 adj signal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:59
S10 4	6	(LCD or liquid adj crystal adj display ) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) and driv\$6 and (line\$6 and signal\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 16:00
S10 5	9	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:04
S10 6	0	"6,084,561".pn. and polarity\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:27
S10 7	0	"6,084,561".pn. and invrert	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:27
S10 8	0	"6,084,561".pn. and invrert\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:27
S10 9	2	"6,084,561".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:27
S11 0	12	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and polarity\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:46

## EAST Search History

S11 1	1	(LCD or liquid adj crystal adj display ) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and polarity\$6 and invert\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:47
S11 2	1	"6948098".pn. and polarity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:48
S11 3	3	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) and polarity\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:51
S11 4	2	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) and polarity\$6 and invert\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:53
S11 5	0	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) and polarity\$6 and invert\$6 and sub-frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:53
S11 6	2	"20030051192"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:58
S11 7	0	"20030051192" and invert\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:59
S11 8	1	"20030051192" and polarity\$6 and reverse\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:59

## EAST Search History

S11 9	4	"5739887".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:19
S12 0	1	"5739887".pn. and count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:19
S12 1	4818	(LCD or liquid adj crystal adj display) and driv\$6 and STN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:26
S12 2	5283	(LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:37
S12 3	14	(LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:20
S12 4	0	(LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion and sub-frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 12:35
S12 5	0	(LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion and sub-frame\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 12:35
S12 6	3	(LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion and (sub-frame\$1 or subframe\$1 or sub adj frame\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 12:36
S12 7	0	(LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity and inversion and each and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:21

## EAST Search History

S12 8	0	(LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity and inversion and each and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:21
S12 9	0	(LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarit\$6 and invert\$6 and each and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:22
S13 0	27	(LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarit\$6 and invert\$6 and ((each or every) and frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:23
S13 1	8	(LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarit\$6 adj invert\$6 and ((each or every) and frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:45
S13 2	1	(LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarit\$6 adj invert\$6 and ((each or every) and frame\$6) and (sub-frame\$6 or subframe46 or sub adj frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:31
S13 3	1	(LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and ("n" or "N") adj (FRC or frame adj rate adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:46
S13 4	2	(LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and ("n" or "N") adj (sub adj frame\$6) and (FRC or frame adj rate adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:47
S13 5	0	"20020196243" and sub adj frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:57
S13 6	0	"20020196243" and sub-frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:51

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S13 7	1	"20020196243" and (FRC or frame adj rate adj control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:22
S13 8	1	"20020196243" and (FRC or frame adj rate adj control\$6) and vertical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:24
S13 9	1	"20020196243" and (FRC or frame adj rate adj control\$6) and vertical and invert\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:24
S14 0	0	"6084561" and subframe and line adj signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:14
S14 1	0	"6084561" and sub-frame and line adj signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:14
S14 2	0	"6084561" and sub-frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:14
S14 3	0	"20030093702" and sub-frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:19
S14 4	1	"20030093702" and subframe	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:19
S14 5	1245671	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and subframe or sub-frame ro sub adj frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:20



## EAST Search History

S14 6	2	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (subframe or sub-frame ro sub adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:20
S14 7	2	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (subframe or sub-frame or sub adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:21
S14 8	1	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:24
S14 9	0	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and (FRC or frame\$6 adj rate\$6 adj check\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:25
S15 0	1	(LCD or liquid adj crystal adj display ) and 345/96.ccls. and frc and sub adj frame\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:27
S15 1	0	(LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (subframe\$6 or sub-frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:27
S15 2	1	"5,953,002".pn. and line and counter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:55
S15 3	1	"5,953,002".pn. and line and counter and flicker\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:56
S15 4	1	"5,953,002".pn. and flicker\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 07:56

## EAST Search History

S15 5	458935	(LCD or liquid adj crystal adj display)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/28 16:54
S15 6	302	(LCD or liquid adj crystal adj display) and sub same frame\$6 same count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/28 16:55
S15 7	7	(LCD or liquid adj crystal adj display) and sub same frame\$6 same count\$6 and end\$6 same count\$6 same set\$6 same flag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/28 16:58
S15 8	68	(LCD or liquid adj crystal adj display) and driv\$6 and sub adj frame\$6 same count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/28 16:59
S15 9	28	(LCD or liquid adj crystal adj display) and driv\$6 and sub adj frame\$6 adj count\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/28 17:03
S16 0	3	(LCD or liquid adj crystal adj display) and driv\$6 and sub adj frame\$6 adj count\$6 and STN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/28 17:03
S16 1	18	(LCD or liquid adj crystal adj display) and driv\$6 and sub adj frame\$6 and count\$6 and STN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/28 17:03